

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

#4/A  
20 Nov 01  
R. Talbot

In re the application of:  
Daniel ORTEGA GONZALEZ *et al.*

Group Art Unit:

Serial No.: To Be Assigned

Examiner:

Filed: Herewith

For: ARRAYED WAVEGUIDE GRATING WITH  
REDUCED CROSSTALK

Attorney Docket No.: **KLW-001**

Commissioner for Patents  
Washington, D.C. 20231

PRELIMINARY AMENDMENT

Dear Sir:

Preliminary to examination of the above-referenced patent application, please amend the application as follows.

In the Claims:

Please amend claims 9, 17 and 18 as follows.

9. An AWG according to claim 1, wherein each output waveguide is a double-mode waveguide.

17. An array waveguide grating (AWG) device according to claim 1, wherein the first and second slab couplers are arranged so that a longitudinal axis of the second slab coupler is substantially perpendicular to a longitudinal axis of the first slab coupler, said output waveguides are arranged to receive zero order output signals imaged at an output face of the second slab coupler, and the AWG device further includes additional